

# OWNER'S MANUAL

## AB-S In-Wall A/B Switch

If you do not understand any part of these instructions, please contact your SpeakerCraft dealer. Improper wiring could cause damage to your audio system.

### In-Wall Selector

The SpeakerCraft AB-S is an in-wall speaker/amplifier selector. The selector provides the ability to select between two pairs of speakers that are connected to the same amplifier or between two amplifiers that are connected to the same speaker pair.

### Selector Placement

When deciding where the selector will be mounted in the wall, consider various ways it will be used. The primary listening area and the ease of running the wire to your chosen location are the important things to keep in mind. The most common locations to mount selectors are by the door as you walk into the room, next to your bedside, or in the area that you will be listening to music.

**Do not put the selector into the same box as a 110VAC circuit. (i.e. light switch, electrical outlet, etc.)** Speaker wires can act as an "antenna" for electrical noise. Locating speaker wires too close to a light switch or dimmer may cause a buzzing or popping sound to be heard through the speakers. If you must locate the AB-S near electrical devices, use a separate electrical box.

Once a location has been chosen, you may install the selector by using a standard single gang plaster ring, or a single gang electrical box (light switch type).

### Wiring the AB-S

(See Figure #1)

**Caution: Please make sure your amplifier or receiver is off before proceeding.**

The AB-S features SpeakerCraft's simple connect system. This system is quicker and more secure than other methods and eliminates the need for turning small screws.

For best results strip all wire no more than  $\frac{1}{4}$ " from the end. Push the wire completely into the opening on the connector then depress the lever using your finger or screwdriver. This will secure the wire (see Figure #1-). If you need to remove the wire simply lift the lever. This can be done with your finger, but may be easier to use a screwdriver or similar tool. With the lever lifted, pull the wire out.

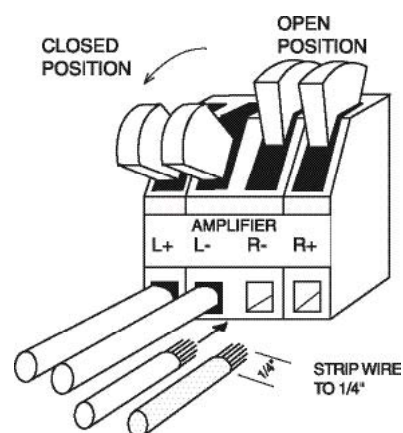


Figure #1

**Use the following directions when using the selector to choose between 2 pairs of speakers connected to one amplifier.**

(Figure #2)

#### 1. Connect the Amplifier:

Connect the amplifier's or receiver's speaker outputs to the connector labeled "amplifier", please observe proper channel and polarity of the connections (+ from the amplifier to + input on the control, left channel out to the "L" side of the connector marked "amplifier" on the selector).

#### 2. Connect the Speakers:

Connect the wires from one pair of speakers to one of the two terminals labeled "Speakers". Connect the wires from the other pair of speakers to the remaining terminal labeled "Speakers", please observe proper channel and polarity of the connections (+ from the speaker to + input on the control, left channel from the speaker to the "L" side of the connector marked "speaker" on the selector).

**Use the following directions when using the switch to choose between 2 amplifiers and one pair of speakers.** (Figure #3)

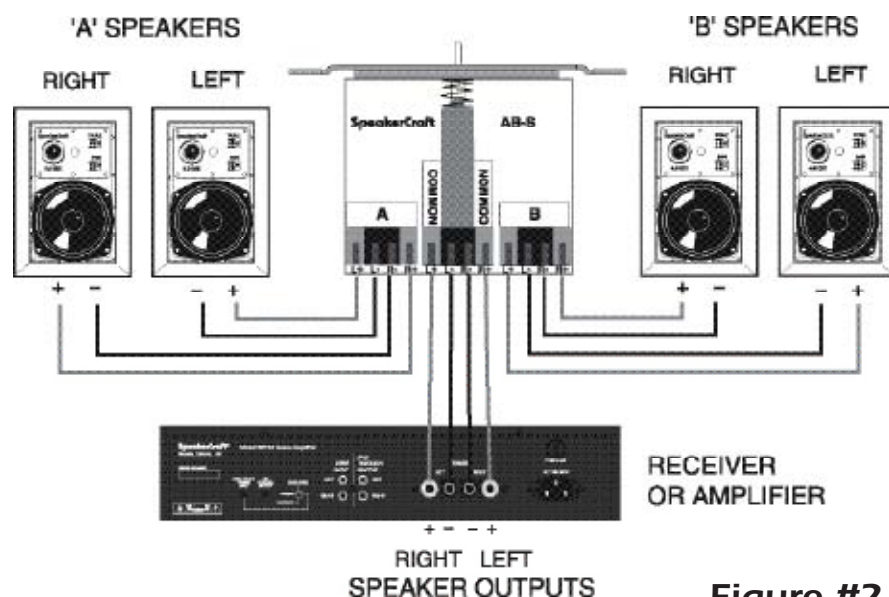


Figure #2

**NOTE:** When wiring for this configuration you will need to ignore the "AMP" and "Speaker" labels on the terminals. Please instead refer to the white writing on the circuit board as illustrated below in (Figure #3).

- 1. Connect the Amplifiers:** Connect the speaker outputs from the first amplifier or receiver to the connector that has "A" printed on the board. Observe proper channel and polarity of the connections (+ from the amplifier to + input on the control, left channel out to the "L" side of the connector marked "amplifier" on the selector). Repeat the process for the other amplifier using the connector "B" as seen on the board.
- 2. Connect the Pair of Speakers:** Connect the wires from the speaker pair to one of the terminals labeled "Common" on the board. Observe proper channel and polarity of the connections (+ from the speaker to + input on the control, left channel from the speaker to the "L" side of the connector marked "speaker" on the selector).

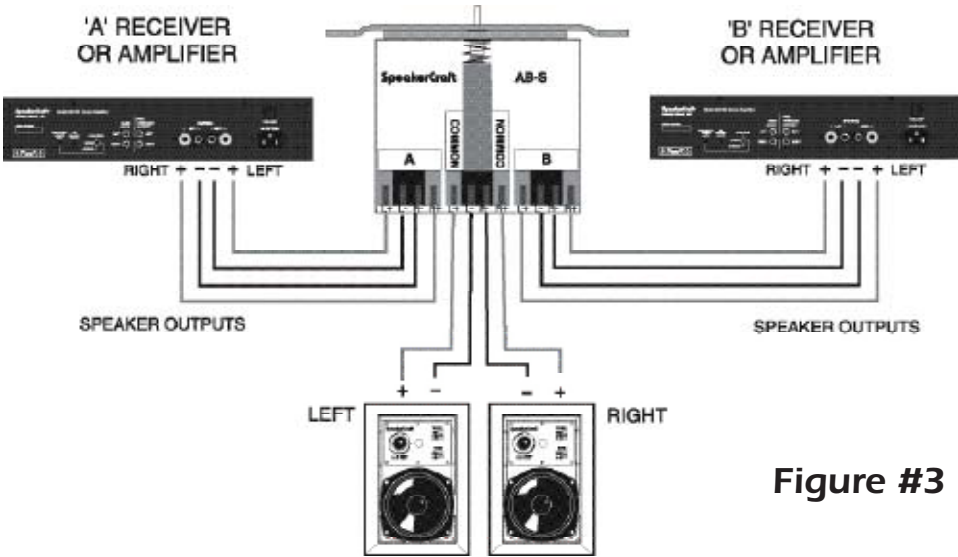


Figure #3

**Mounting the AB-S**  
(See Figure #4)

Once the selector has been wired it is ready to be mounted into the wall. Referring to diagram #4, place the components of the selector into the wall using the enclosed screws. The AB-S is configured to accept a variety of different colored buttons and plates.

**Operating the AB-S**

Once installed the AB-S provides the ability to select between two pairs of speakers that are connected to the same amplifier or between two amplifiers that are connected to the same speaker pair.

Before operating the switch for the first time, turn your amplifier(s) on (you should have had it off for installation of the selector). Next, slowly turn up the volume to the listening level you desire. To make a choice between the two amplifiers or two speakers, simply depress the button.

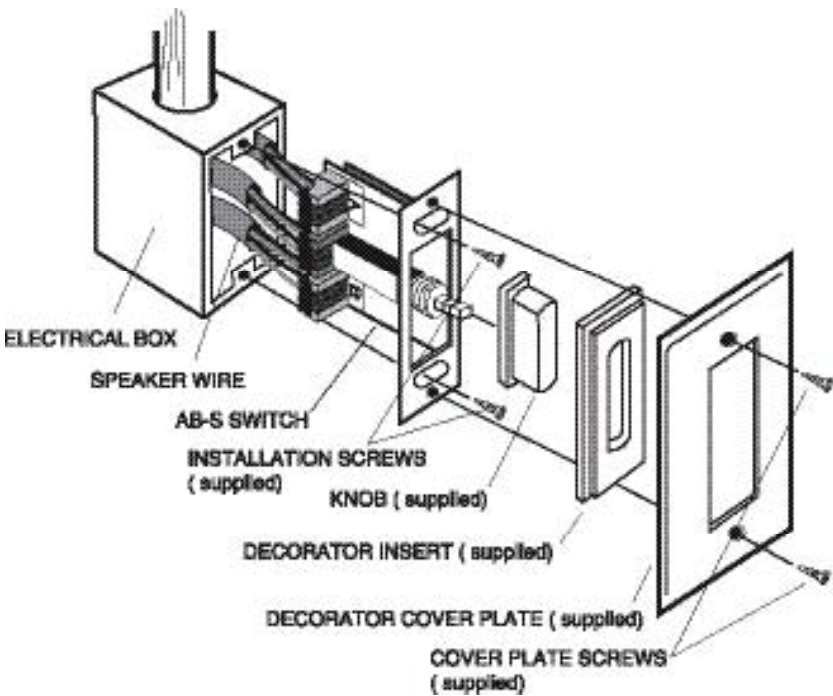


Figure #4

**Limited Lifetime Warranty**

Defective products must be shipped, together with proof of purchase, prepaid insured to the SpeakerCraft Authorized Dealer from whom they were purchased, or to the SpeakerCraft factory at the address listed on this installation instruction manual. Freight collect shipments will be refused. It is preferable to ship this product in the original shipping container to lessen the chance of transit damage. In any case, the risk or loss or damage in transit is to be borne by the purchaser. If, upon examination at the Factory or SpeakerCraft Authorized Dealer, it is determined that the unit was defective in materials or workmanship at any time during this warranty period, SpeakerCraft or the SpeakerCraft Authorized Dealer will, at its option, repair or replace this product at no additional charge, except as set forth below. If this model is no longer available and can not be repaired effectively, SpeakerCraft, at its sole option, may replace the unit with a current model of equal or greater value. In some cases where a new model is substituted, a modification to the mounting surface may be required. If mounting surface modification is required, SpeakerCraft assumes no responsibility or liability for such modification. All replaced parts and product become the property of SpeakerCraft Inc. Products replaced or repaired under this warranty will be returned to the original retail purchaser, within a reasonable time, freight prepaid.

This warranty does not include service or parts to repair damage caused by accident, disaster, misuse, abuse, negligence, inadequate packing or shipping procedures, commercial use, voltage inputs in excess of the rated maximum of the unit, or service, repair or modification of the product which has not been authorized or approved by SpeakerCraft. This warranty also excludes normal cosmetic deterioration caused by environmental conditions. This warranty will be void if the serial number on the product has been removed, tampered with or defaced.

This warranty is in lieu of all other expressed warranties. If the product is defective in materials or workmanship as warranted above, the purchaser's sole remedy shall be repair or replacement as provided above. In no event will SpeakerCraft be liable for any incidental or consequential damages arising out of the use or inability to use the product, even if SpeakerCraft Inc. or a SpeakerCraft Inc. Authorized Dealer has been advised of the possibility of such damages, or for any claim by any other party. Some states do not allow the exclusion or limitation of consequential damages, so the above limitation and exclusion may not apply.

All implied warranties on the product are limited to the duration of this expressed warranty. Some states do not allow limitation on the length of an implied Warranty. If the original retail purchaser resides in such a state, this limitation does not apply.

Should you have any questions regarding this, or any other SpeakerCraft product, please call our toll-free service hotline at 1-800-448-0976. We are available to assist you every weekday, except holidays, between the hours of 7:00 a.m. and 5:00 p.m. PST.